9626/32/F/M/17/Q5

Global positioning systems (GPS) are used by navigation devices to allow drivers of cars to find locations and destinations.

(a) Describe how GPS signals from satellites are used by navigation devices to determine a location.

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(b) Describe the factors that could degrade a GPS signal, when it is transmitted to a navigation device, and affect the accuracy of the location found by that device.

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STUDENTS RESOURCE

CamScanner

9626/32/F/M/17/Q8

2 Packet switching is used to transfer data around networks.

Discuss the benefits and drawbacks of packet switching.

[8]

STUDENTS RESOURCE

CamScanner

9626/31/M/J/17/Q1

3 A bank has strategies in place to safeguard its information technology (IT) services. You have been asked to check and update the strategies that are designed to try and prevent IT disasters from happening, the strategy for disaster recovery management and the strict password policy.

(a) Describe how you would use risk analysis to check the strategy for disaster recovery management.

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(b) The bank's strict password policy has rejected these two passwords:

abc
1234AAA

Explain why they have been rejected.

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STUDENTS RESOURCE

CamScanner

(c) Explain the precautions that you would take to try and prevent a disaster happening to the data used by the IT services.

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STUDENTS RESOURCE

CamScanner

9626/31/M/J/17/Q4

4 A wide area network uses a number of different protocols.

(a) Describe each of the following wide area network (WAN) protocols.

(ii) Frame relay:

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(b) An updated version of a free operating system has to be downloaded quickly. The operating system is contained in a very large file. There is a choice of using 'BitTorrent' or file transfer protocol (FTP) for the download.

Explain, with reasons, which method of download would be preferable.

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STUDENTS RESOURCE

CamScanner

(c) Describe how a network router provides connectivity between a home network and the internet.

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STUDENTS RESOURCE

CamScanner

9626/33/M/J/17Q5

5 Discuss the benefits and drawbacks to small businesses of storing their data in the 'cloud'.

[8]

STUDENTS RESOURCE

9626/32/M/J/17/Q2

Companies must protect the data that is used and stored on their networks.

(a) Evaluate the use of a firewall in protecting the data on a company network.

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(b) Describe how a proxy server can help to protect a company network.

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STUDENTS RESOURCE

CamScanner

9626/32/M/J/17/Q10

7 A country is considering launching a satellite to enhance its internet connectivity.

Evaluate the use of satellites for this purpose.

STUDENTS RESOURCE

9626/32/O/N/17/Q4

8 A new online supermarket will have a very large amount of data about its customers, products and services that has to be kept safe. Complete back-ups of all its data are to be created at regular intervals. Jaswinder, the IT manager, is considering the options of using tape-based systems, hard disk-based systems or back-ups to the 'cloud' for storing the back-ups.

Evaluate the three options for storing the back-ups.

[8]

STUDENTS RESOURCE

CamScanner

9626/32/O/N/17/Q6

9 Audio files can be digitised with different bit rates.

The bit rate of an audio file can appear to affect the quality of the sound when it is listened to.

Explain how you can affect the perceived quality of the sound stored in the audio file by changing the bit rate.

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9626/33/O/N/17/Q7

10 A home network uses a router to connect to the internet.

(a) The router will act as a 'default gateway'.

Define 'default gateway'.

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STUDENTS RESOURCE

CamScanner

(b) The router uses wireless technology to allow devices in the home to connect to it.

Discuss the benefits and drawbacks of using wireless technology to connect devices to the router.

[8]

STUDENTS RESOURCE

CamScanner

9626/31/M/J/18/Q5

11 Discuss the benefits and drawbacks of the use of satellite technology in global positioning systems (GPS).

[8]

STUDENTS RESOURCE

9626/31/M/J/18/Q13

12 Companies use a range of physical security methods to try to prevent unauthorised access to the company data stored on their networks.

Evaluate the use of physical security methods in attempting to prevent unauthorised access to the stored data.

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STUDENTS RESOURCE

CamScanner

9626/32/M/J/18/Q7

13 Telecommunication companies often prefer to use fibre optic cables to transmit data.

Discuss the benefits and drawbacks of using fibre optic cables for data transmission.

[8]

STUDENTS RESOURCE

CamScanner

9626/33/M/J/18/Q1

14 Video is streamed over networks and the internet at different bit rates. Fig. 1 shows a summary of the bit rates that are usually required for various video resolutions. Fig. 2 shows the bandwidths that are typically available over different mobile (cell) phone connections.

Output video resolution (pixels)	Bit rate (Mbits/s)
320 × 240	0.4
480 × 270	0.7
1024 × 576	1.5
1280 × 720	2.5
1920 × 1080	4.0

Fig. 1

Type of mobile connection to network/internet	Typical maximum bandwidth available for download (Mbits/s)
3G mobile connection	0.31
4G mobile connection	15
Bluetooth® 1.1 connection	0.5
Wi-Fi (IEEE 802.1g) wireless connection	54

Fig. 2

Using all the information in Fig. 1 and Fig. 2, explain how the viewing experience of a streamed video displayed on a mobile (cell) phone screen of resolution 1024 × 576 pixels is affected by bit rate and available bandwidth.

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STUDENTS RESOURCE

CamScanner

9626/33/M/J/18/Q1

15 Fig. 3 shows a switched network with computers at **A**, **B**, **C** and **D**.
S1, S2, S3, S4, S5 and S6 are switches. A message is being sent between computers at **A** and **B**.
The whole message is sent at once along the route shown by the arrows.

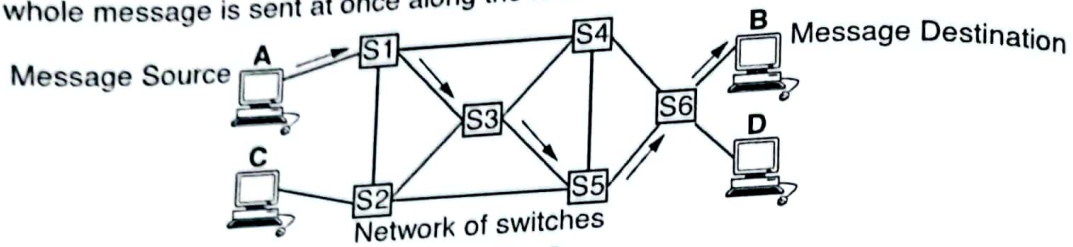

Fig. 3

(a) Explain, with reference to Fig. 3, why this method of sending a message by the route shown is often called 'store and forward'.

[6]

STUDENTS RESOURCE

CamScanner

(b) Describe **two** advantages of using the 'store and forward' method to send a message over this network.

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9626/33/M/J/18/Q11

Discuss the benefits and drawbacks of using satellites for television and radio broadcasting.

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STUDENTS RESOURCE

CamScanner

9626/32/O/N/18/Q4

17 Fig. 3 shows a diagram of interconnected computer networks that use internet protocol (IP) and packet switching to communicate. A large file is sent from network A to network H. Nodes B to G are routers used to connect the networks. During the sending of the file from network A, network I also starts to send a much larger video file to network H.

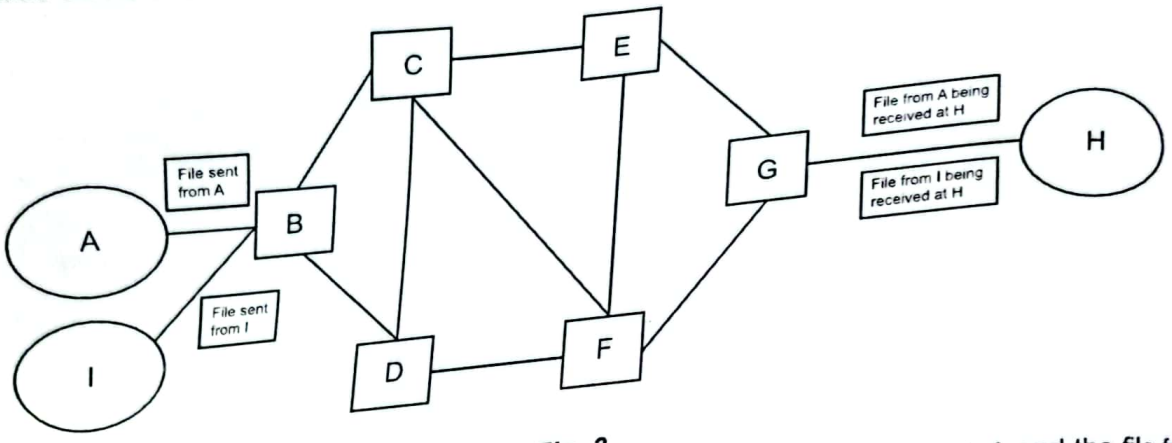

Fig. 3

(a) Explain, in detail with reference to the diagram, how the file from network A and the file from network I travel through the network from router to router and start to arrive at network H at the same time.

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STUDENTS RESOURCE

(b) Explain why router C does not always send the packets to router D.

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STUDENTS RESOURCE

CamScanner

9626/32/O/N/18/Q8

18 Evaluate the use of the infra-red method of data transmission in wireless communications.

[8]

STUDENTS RESOURCE

9626/33/O/N/18/Q3

Evaluate the use of Bluetooth® wireless technology for communication between devices.

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STUDENTS RESOURCE

CamScanner

9626/33/O/N/18/Q6

20 A company selling goods online has a network which is configured to allow its web server, FTP server and email server to be accessible from the internet. The company was concerned that the network configuration exposed the whole LAN to security risks so has attempted to improve security by altering the configuration from that in Fig. 4 to the configuration shown in Fig. 5.

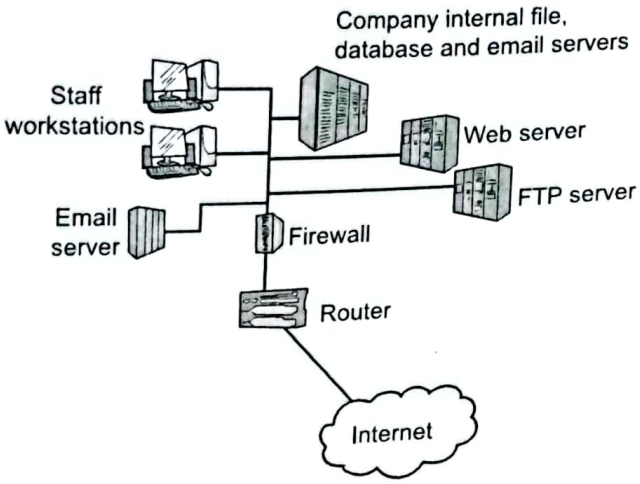

Fig. 4

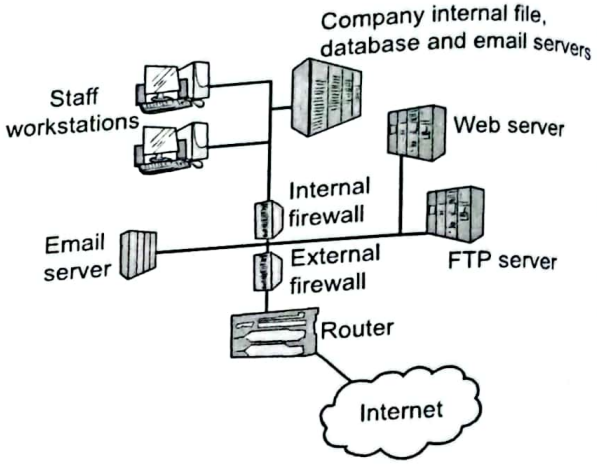

Fig. 5

(a) Explain how the network configuration has been altered in order to maximise security of the company file servers while still allowing access to the other services from the internet.

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(b) Explain, using the information from Fig. 5, why the additional firewall provides more security for the company network.

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9626/32/F/M/19/Q3

Evaluate the use of quantum cryptography when transmitting confidential data over public networks.

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9626/32/F/M/19/Q7

22 Evaluate ways of combatting spyware.

[8]

STUDENTS RESOURCE

CamScanner

9626/32/F/M/19/Q10

An international organisation provides communication services over the internet. It enables customers to communicate messages confidentially between their offices in different countries.

It uses message, circuit and packet switching technologies for the communications.

Describe the differences between these three technologies as used in communicating these messages.

[8]

STUDENTS RESOURCE

CamScanner

9626/31/M/J/19/Q4

24 **(a)** Describe the drawbacks of storing company data in the 'cloud'.

(b) Describe **two** benefits to a company of storing data in the 'cloud'.

STUDENTS RESOURCE

CamScanner

9626/31/M/J/19/Q5

Describe how data is transmitted using fibre optic technology.

[6]

STUDENTS RESOURCE

CamScanner

9626/31/M/J/19/Q9

26 Evaluate the use of physical security in combatting IT crime.

STUDENTS RESOURCE

CamScanner

9626/32/M/J/19/Q1

27 (a) Describe how the features of a 4G cellular communications system improve the ability of a smartphone to complete the download of a video file from the internet.

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(b) 5G cellular communications systems promise significant improvements compared to 4G.

Describe **two** ways that these improvements may affect the use of smartphones.

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[2]

9626/32/M/J/19/Q2

28 Lasers can be used to create a data link between devices without using cables.

(a) Describe **two** applications for this method of data transmission.

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(b) Describe **one** drawback of this method of data transmission.

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STUDENTS RESOURCE

CamScanner

9626/32/M/J/19/Q6

29 A packet switched network has routers at nodes labelled A, B, C, D, E, F, G and H. Each router stores its own 'routing table' which shows how it is connected to the other routers.

Router	Connected to routers:			
A	B			
B	A	C	D	
C	B	D	E	F
D	B	C	F	
E	C	F		
F	C	D	E	G
G	F	H		
H	G			

(a) Complete the diagram by drawing routers C, D, E, F and G with connection lines to show how the routers are inter-connected to communicate with each other.

[3]

Router A regularly sends out packets to check that router H is reachable. When H receives a packet from A it sends a packet back to confirm that it is reachable.

Assume that each router takes zero time units to receive, process and resend a packet and that each packet takes six time units to travel from one router to the next.

STUDENTS RESOURCE

CamScanner

(b) (i) Describe the shortest route that a packet can take from router A to router H.

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(ii) Calculate the shortest time taken for router A to receive an acknowledgement from router H confirming that H is reachable.

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(c) (i) Assuming that the packets visit each router only once, calculate the longest time it could take for router A to receive an acknowledgement from router H confirming that H is reachable.

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(ii) Describe the route that the packets would take.

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..... [1]

(d) An additional router, J, is to be added to reduce the time for packets to travel from router A to router H to a minimum. However, no further connections can be directly made to routers A and H.

(i) Describe where J would be placed to reduce the travel time to a minimum.

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(ii) Calculate the new minimum time that it would take for A to receive an acknowledgement that H was reachable.

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STUDENTS RESOURCE

CamScanner

9626/32/M/J/19/Q7

30 Computing devices use network interface cards.

(a) Describe the role of a network interface card.

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(b) Describe how a network interface card is involved in the sending and receiving of data.

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STUDENTS RESOURCE

CamScanner

9626/32/M/J/19/Q10

Homer uses headphones to listen to the audio from movies playing on his television. Homer is trying to decide whether to use Bluetooth or cables to connect his headphones to the TV while he watches the movies.

Choose, with reasons, the most appropriate of these methods so that Homer can hear the soundtrack while watching movies.

[5]

STUDENTS RESOURCE

CamScanner

9626/32/M/J/19/Q11

32 Evaluate the use of anti-virus software and anti-spyware in combatting IT crime.

[8]

STUDENTS RESOURCE

CamScanner

9626/31/O/N/19/Q2

(a) Describe **three** different networking protocols that would be used for data transfer on a LAN.

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A company has devices that use WiFi to connect to its LAN.

(b) Describe how data is transmitted between a device and a wireless access point.

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STUDENTS RESOURCE

CamScanner

(c) Some of the company's devices can connect to other devices using Bluetooth instead of WiFi.

Compare and contrast the use of Bluetooth with WiFi for data transfer.

[6]

STUDENTS RESOURCE
ALI AKRAM
CamScanner

9626/31/O/N/19/Q6

34 Discuss the benefits and drawbacks of using ethernet cables containing copper within a computer network.

[8]

STUDENTS RESOURCE

CamScanner

9626/31/O/N/19/Q7

35 (a) Describe the **benefits** of using back-ups to prevent loss of data from computer systems.

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(b) Describe the **drawbacks** of using back-ups to prevent loss of data from computer systems.

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STUDENTS RESOURCE

CamScanner

9626/31/O/N/19/Q8

6 A school uses a proxy server to distribute web pages to work stations.

Describe the role of this proxy server.

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STUDENTS RESOURCE

ALI AKRAM

CamScanner

9626/31/O/N/19/Q8

37 A school uses a proxy server to distribute web pages to work stations.

Describe the role of this proxy server.

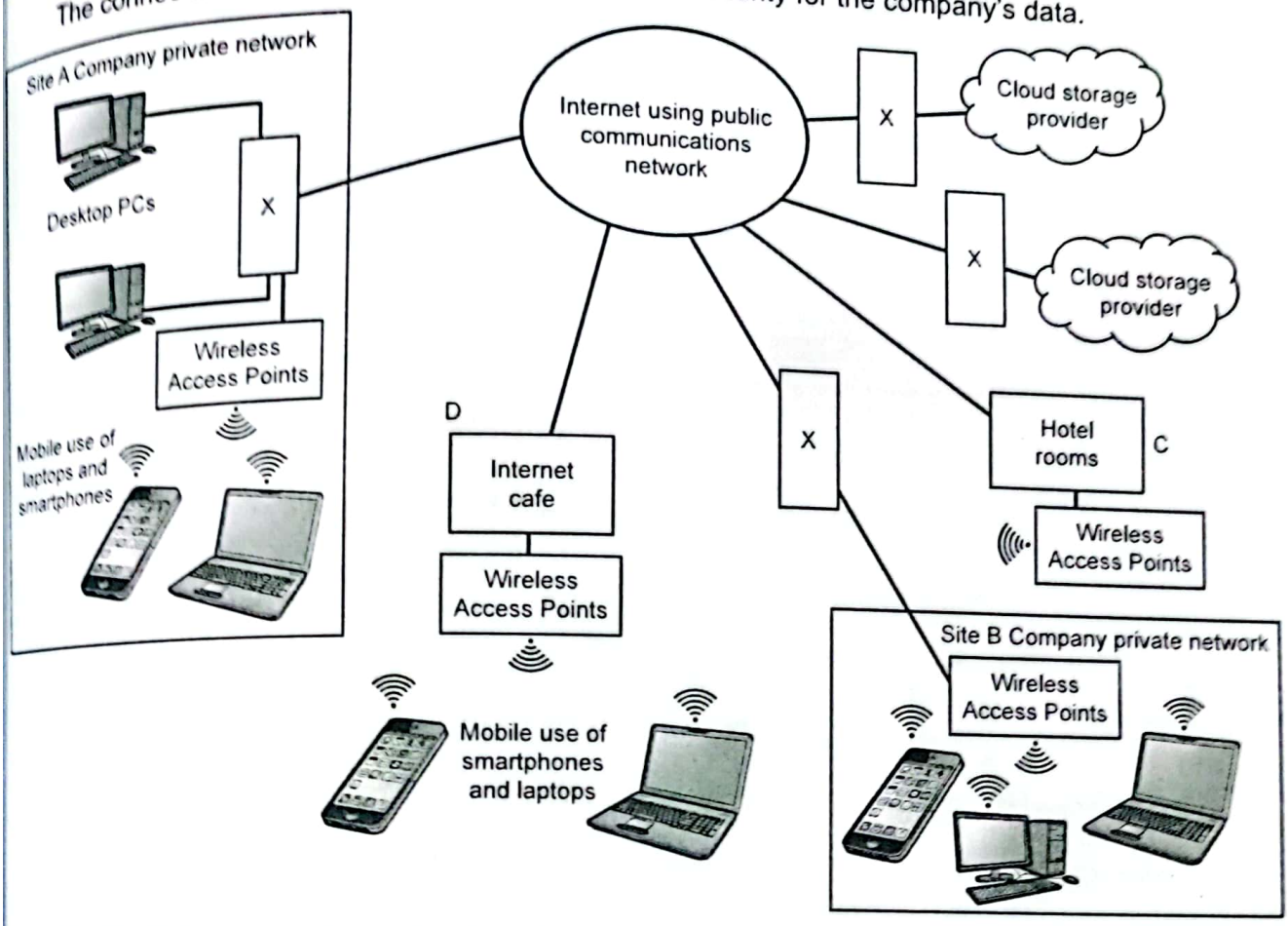
[6]

STUDENTS RESOURCE

CamScanner

9626/31/O/N/19/Q9

38 A company has two sites, A and B. Its staff work in either of the two sites and can access their files offsite because the company uses cloud computing technology for storing files.
The connections at the locations marked X provide security for the company's data.



(a) Explain the role of the hardware and software that would be at locations marked as X.

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STUDENTS RESOURCE

CamScanner

[8]

(b) Explain why staff are discouraged from accessing their files from locations C and D.

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STUDENTS RESOURCE

CamScanner

9626/32/O/N/19/Q6

39 Describe the benefits of using lasers to transmit data between devices.

[6]

STUDENTS RESOURCE

CamScanner

9626/32/O/N/19/Q8

40 A bank stores details of customer accounts on its computer system. Customers and staff can access the accounts by logging in to the bank's website.

(a) Describe the security methods that could be used to ensure that the person logging in is authorised to do so.

[6]

(b) The bank insists that its staff use a VPN when accessing the accounts from outside the bank's intranet.

Describe the network protocols that could be used by this VPN.

[6]

STUDENTS RESOURCE

CamScanner

9626/32/O/N/19/Q10

Describe the effect of bit rate on the quality of streamed video.

[4]

STUDENTS RESOURCE

CamScanner

9626/32/F/M/20/Q7

42 Describe how peer-to-peer file sharing can be carried out using the BitTorrent protocol.

[6]

STUDENTS RESOURCE

CamScanner

9626/32/F/M/20/Q8

43 Evaluate, by weighing up the advantages and disadvantages, the use of wireless communications in the home.

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STUDENTS RESOURCE

CamScanner

9626/31/M/J/20/Q4

44 A company is concerned that their personnel files may be viewed and used by unauthorised people. The company uses access rights (permissions) to protect their files when they are stored on their network and encryption when the files are sent to other companies by email.

(a) Explain how the use of different access rights (permissions) applied to files can be used to control access to files.

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STUDENTS RESOURCE

CamScanner

(b) Describe the advantages of the different encryption methods for protecting files when sending them over public telecommunications systems.

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STUDENTS RESOURCE

CamScanner

9626/31/M/J/20/Q6

45 Telecommunication companies are using fibre optic cables to supply internet services direct to people's homes because fibre optic cables are cheaper than copper cables.

(a) Explain the reasons, other than cost, why companies prefer to use fibre optic cabling.

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(b) Describe **three** disadvantages of using fibre optic cables.

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STUDENTS RESOURCE

CamScanner

9626/31/M/J/20/Q9

46 Describe the security issues that may arise when computers are networked.

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9626/32/M/J/20/Q3

47 Companies are using cloud computing in their IT infrastructure.

(a) Describe what is meant by cloud computing.

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STUDENTS RESOURCE

CamScanner

(b) Describe the impact of cloud computing on companies.

[8]

STUDENTS RESOURCE

CamScanner

9626/32/M/J/20/Q6

8 Describe how a digital television signal is broadcast from a satellite to a receiver for display on a television set in a home.

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STUDENTS RESOURCE

CamScanner

9626/32/O/N/20/Q2

49 Routers are components that send internet protocol (IP) packets through computer networks.

Describe how each of the following are used in the routing of the IP packets.

(a) static routing tables

[5]

(b) dynamic routing tables

[5]

STUDENTS RESOURCE

9626/32/O/N/20/Q5

50 An online financial services company uses biometrics as part of its security measures to control access to its services.

(a) Describe how fingerprints would be used to allow access to these services.

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(b) Evaluate, by weighing up the advantages and disadvantages, the suitability of biometrics in controlling access to company services.

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STUDENTS RESOURCE

CamScanner

9626/33/O/N/20/Q1

51 LANs and WANs use protocols to send, receive and route data across networks.

Describe, in detail, each of the following protocols.

(a) Dynamic Host Configuration Protocol (DHCP)

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(b) BitTorrent

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(c) User Datagram Protocol (UDP)

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(d) Transmission Control Protocol (TCP)

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STUDENTS RESOURCE

CamScanner

9626/33/O/N/20/Q2

2 Companies are concerned that their employee files may be viewed and used by unauthorised people. A company uses access rights (permissions) to protect files stored on its network.

Explain how different access rights can be used to control access to files.

[6]

STUDENTS RESOURCE

CamScanner

9626/33/O/N/20/Q3

53 IT crime (cybercrime) is crime committed using computers and networks.

Explain how encryption can be used to combat IT crime.

[6]

STUDENTS RESOURCE

CamScanner

9626/33/O/N/20/Q12

4 A company has a local area network (LAN) that can be accessed by its staff using their desktop and laptop computers as well as their smartphones.

(a) Describe the role of wireless access points (WAPs) in the network.

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(b) Describe how wireless access points (WAPs) can be configured to improve network security.

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STUDENTS RESOURCE

CamScanner

9626/32/F/M/21/Q1

55 Fig. 1.1 shows three interconnected networks (numbered 1 to 3) that use internet protocol (IP) and packet switching when transmitting files.

Network 1 has a server that is used for video streaming.
Network 2 has servers that provide a company with a website used for selling DVDs online.
Network 3 is a network in a home.

There are routers on the internet that can be used to connect the networks.

A user on the home network is watching a video that is being streamed from the server on network 1. At the same time a shopper on the home network is using a web browser to access the company website on network 2 to buy some DVDs online.

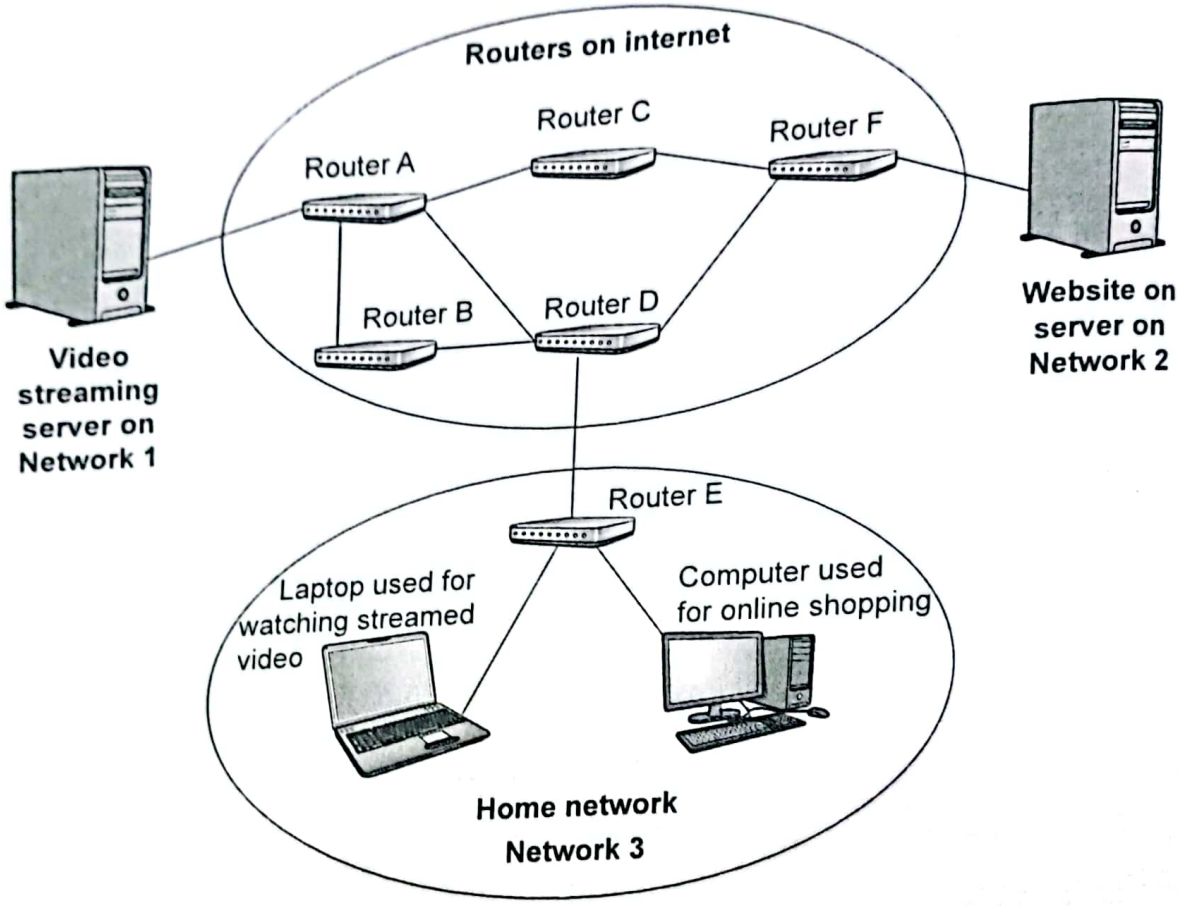

Fig. 1.1

STUDENTS RESOURCE

CamScanner

(a) Describe how the video stream is transferred from the server on network 1 to the user on network 3.

[6]

(b) The viewing experience can sometimes be spoiled by the online shopping affecting the video streaming.

Describe how router E on the home network can be configured to ensure that this does not happen.

[2]

STUDENTS RESOURCE

CamScanner

(c) Explain why HTTPS is used for communication between the shopper's web browser and the company website.

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STUDENTS RESOURCE

CamScanner

9626/32/F/M/21/Q8

56 Airports provide public WiFi access to the internet for their customers.

Discuss the advantages and disadvantages of using public WiFi to access the internet.

[8]

STUDENTS RESOURCE

CamScanner

9626/32/F/M/21/Q10

57 Describe how a device fitted to an aircraft can use a Global Positioning System (GPS) to determine its location.

[6]

STUDENTS RESOURCE

CamScanner

9626/31/M/J/21/Q1

An Information Technology (IT) Manager is considering storing company data in the cloud.

(a) Explain what is meant by storing data in the cloud.

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(b) Explain why the IT Manager could be worried about storing data in the cloud.

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STUDENTS RESOURCE

CamScanner

9626/31/M/J/21/Q2

59 Satellite communication systems can be used to provide internet access to users in areas of the world where other methods of providing internet access are not possible.

Describe how satellite communication systems provide internet access to users.

[8]

STUDENTS RESOURCE

9626/31/M/J/21/Q6

The introduction of 5G cellular communication systems will provide increased bandwidth for users.

5G cellular communication systems will enable video delivery to users to be more reliable.

(a) Describe **two** other improvements that 5G will be able to provide.

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(b) Describe **two** drawbacks of the introduction of 5G cellular communication systems.

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STUDENTS RESOURCE

CamScanner

9626/31/M/J/21/Q11

61 Hubs and switches are networking devices.

Compare and contrast how these devices carry out their roles in a network.

[6]

STUDENTS RESOURCE

CamScanner

9626/31/M/J/21/Q12

62 The directors of a company are trying to protect the company's data.

Explain the measures that could be taken by the company to help protect the network from a data breach.

[8]

STUDENTS RESOURCE

CamScanner

9626/31/M/J/21/Q13

63 John wants to know how a Global Positioning System (GPS) works. He currently thinks that a GPS satellite calculates the position of a car and sends a signal telling the car what its position is.

John discovers that this is incorrect.

Explain how a GPS actually works.

[5]

STUDENTS RESOURCE

CamScanner

9626/32/M/J/21/Q1

4 Describe the limitations of using wireless access points (WAPs) to connect portable computers to a cabled network.

[6]

STUDENTS RESOURCE

CamScanner

9626/32/M/J/21/Q4

65 Evaluate, by weighing up the advantages and disadvantages, the use of encryption to protect confidential data.

[6]

STUDENTS RESOURCE

CamScanner

9626/32/M/J/21/Q8

Biometric payment systems can be used to pay for school meals. Students do not need to carry or use a payment card to buy goods but can use their fingerprints at the Point-of-Sale terminal.

(a) Describe **three** components of a biometric payment system that might be used.

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(b) Describe how the biometric payment system is used by students to pay for meals.

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STUDENTS RESOURCE

CamScanner

9626/32/M/J/21/Q6

67 Switches are devices used in computer networks.

Describe the role and operation of a network switch.

[8]

STUDENTS RESOURCE

CamScanner

9626/32/M/J/21/Q11

68 It is sometimes possible for people to gain unauthorised access to computer rooms. A school has a computer room with a number of standalone computers.

Evaluate, by weighing up the advantages and disadvantages, methods for protecting data stored on these computers.

[6]

STUDENTS RESOURCE

CamScanner

9626/32/M/J/21/Q13

69 Bluetooth and infrared can both be used to send data between devices.

Contrast, by describing the differences between, the use of Bluetooth and the use of infrared for transmitting data between devices.

[6]

STUDENTS RESOURCE

CamScanner

9626/31/O/N/21/Q3

70 Peer-to-peer networking can account for a large percentage of all internet traffic. It is often used to transfer large files.

(a) Describe how peer-to-peer networking uses BitTorrent to transfer large data files between several users.

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(b) Describe how the use of BitTorrent for peer-to-peer networking can cause security issues to arise.

[6]

STUDENTS RESOURCE

CamScanner

9626/31/O/N/21/Q5

11 Discuss the advantages and disadvantages of using satellite communication systems to provide data transfer connections.

[8]

STUDENTS RESOURCE

CamScanner

9626/32/O/N/21/Q4

72 A photographer has used her smartphone to capture some images and wishes to transfer these images to her laptop for editing. She has decided to transfer the images using Bluetooth.

Describe the benefits and drawbacks of using Bluetooth to transfer the images.

[7]

STUDENTS RESOURCE

CamScanner

9626/32/O/N/21/Q7

Airports and railway stations provide public WiFi access to the internet for their passengers. Using public WiFi may put the passengers' information at risk.

Explain how passengers can try to protect their information from security issues when using public WiFi.

[8]

STUDENTS RESOURCE

CamScanner

9626/32/O/N/21/Q11

74 The role of a network interface card (NIC) is to enable devices to communicate over a computer network.

Describe how a network interface card carries out its role.

[8]

STUDENTS RESOURCE

9626/32/O/N/21/Q12

The global positioning system (GPS) is a network of satellites orbiting the Earth. It is used by devices such as a 'satnav' in a delivery vehicle that assists the driver in finding destinations.

(a) Describe the benefits and drawbacks of the use of a satnav with GPS by the driver of a delivery vehicle.

..... [6]

(b) Explain why the satnav may not be able to provide an accurate location.

..... [2]

(c) The global positioning system (GPS) can be used by satnavs in vehicles and by the military. Describe **three other** ways that GPS may be used.

..... [3]

STUDENTS RESOURCE

CamScanner

9626/32/F/M/22/Q1

76 Contrast the characteristics of local area networks (LANs) and wide area networks (WANs).

[6]

STUDENTS RESOURCE

CamScanner

9626/32/F/M/22/Q4

11 Evaluate the use of a Virtual Private Network (VPN) when using the internet.

[8]

STUDENTS RESOURCE

CamScanner

78 9626/32/F/M/22/Q6
Microwave transmission is used to send data between devices at different locations.

(a) Explain how microwaves are used to transmit data between devices.

[3]

(b) Describe **four** ways that microwave transmission is used in communication systems.

[4]

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STUDENTS RESOURCE

CamScanner

9626/31/M/J/22/Q1

79 Data can be at risk of being lost from computer systems.

(a) Describe the ways that data can be lost from computer systems.

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(b) Backups are used to minimise the risk of data loss. Backup strategies are created for technicians to ensure that data can be recovered in the event of a disaster occurring.

Describe **three** instructions to the technicians that should be included in a backup strategy.

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STUDENT'S RESOURCE

CamScanner

9626/32/M/J/22/Q5

80 Frame Relay is used in networks.

(a) Explain why Frame Relay is used.

(b) Explain the drawbacks of using Frame Relay.

STUDENTS RESOURCE

CamScanner

9626/31/M/J/22/Q2

61 Evaluate the use of a proxy server for web access in a school.

[8]

STUDENTS RESOURCE

CamScanner

9626/31/M/J/22/Q1

82 Data can be at risk of being lost from computer systems.

(a) Describe the ways that data can be lost from computer systems.

[5]

(b) Backups are used to minimise the risk of data loss. Backup strategies are created for technicians to ensure that data can be recovered in the event of a disaster occurring.

Describe **three** instructions to the technicians that should be included in a backup strategy.

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[3]

STUDENTS RESOURCE

CamScanner

9626/32/F/M/22/Q6

83 Microwave transmission is used to send data between devices at different locations.

(a) Explain how microwaves are used to transmit data between devices.

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(b) Describe **four** ways that microwave transmission is used in communication systems.

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STUDENTS RESOURCE

CamScanner